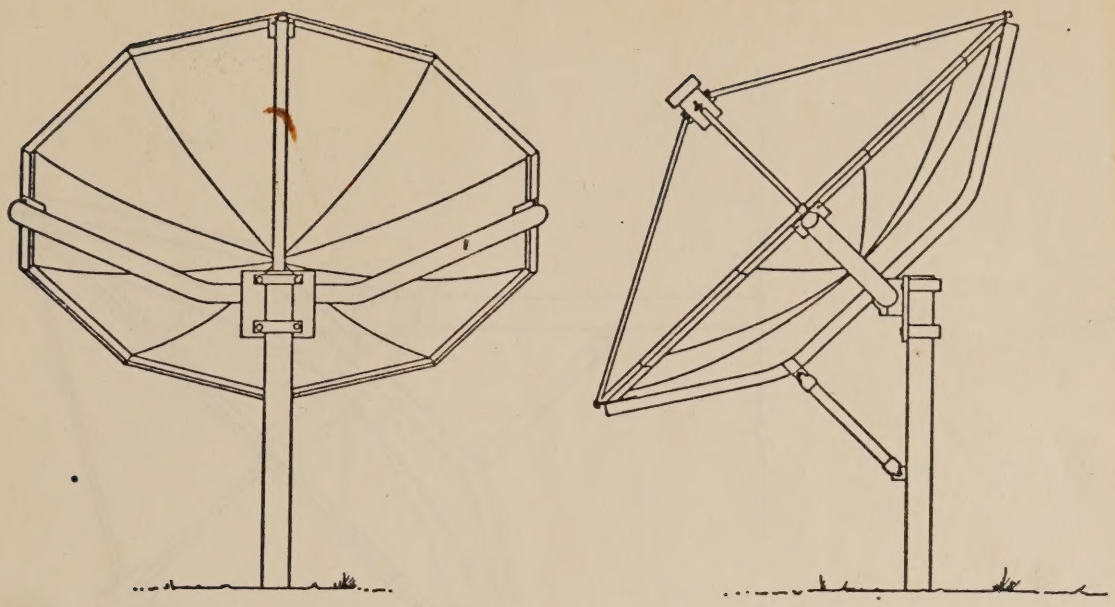

Description of Quasi-Parabolic Antenna

for

The Rocky Mountain Educational Technology Demonstration

Gain:	32 dB min. with a waveguide feed at 2569.2 MHz for a 7-foot diameter
Low Cost:	All components are mass-produced with inexpensive dies
Ease of Transportation:	Antenna is shipped unassembled in a small package; thus there is no danger of damage to surface shape in transit
Ease of Assembly at Point of Installation:	Can be assembled by two men in less than 2 hours
Flexible Mounting:	Mounts to a utility pole or to a 4.5 inch OD pipe

The antenna components include:

1. Basic shell made with petals, corner brackets and rim extrusions
2. Support structure with two rear braces and a lower support strut
3. Pole mounting and aiming brackets
4. Electronics package support arms
5. All necessary hardware
6. Assembly instructions

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